

PRIMARY PATTERN(Pmnxy)
(MN ARE OMITTED IN THE FIGURE)

		ε =	: U	7	= u			լ =	= u			0 =	= u	
. = 1	(P)	P12 P13			P22 P23	P32 P33	P02 P03	P12 P13	P22 P23	P32 P33	P02 P03	P12 P13	P22 P23	P32 P33
E														
= 2														
E		P10 P11			P20 P21	P30 P31	Poo Poi	P10 P11	120 P21	P30 P31	P00 P01	P10 P11	P20 P21	P30 P31
-	မ္မ	P12 P13			P22 P23	P32 P33	P02 P03	P12 P13	P22 P23	P32 P33	P02 P03	P12 P13	P22 P23	P32 P33
H H	8	P10 P11			P20 P21	P30 P31	P00 P01	HIO PTI	P20 P21	P30 P31	P00 P01	P10 P11	P20 P21	P30 P31
	8	P13			P23	P33	83	P13	P23	P33	P03	P13	P23	P33
0 = m	8	P11 P12			P21 P22	P31 P32	P01 P02	P11 P12	P21 P22	P31 P32	P01 P02	P11 P12	P21 P22	P31 P32
	90 00	P10			P20	P30	P00	P10	P20	P30	P00	P10	P20	P30
V THE FIGURE)			Pmnxy = -1	Pmnxy = 1		Pmnxy = $0$								

FIG. 4

HA03	HA13	HA23	HA33
(AC600dpi	(AC600dpi	(AC600dpi	(AC600dpi
COMPONENT)	COMPONENT)	COMPONENT)	COMPONENT)
HA02	HA12	HA22	HA32
(AC600dpi	(AC600dpi	(AC600dpi	(AC600dpi
COMPONENT)	COMPONENT)	COMPONENT)	COMPONENT)
HA01	HA11	HA21	HA31
(AC300dpi	(AC300dpi	(AC600dpi	(AC600dpi
COMPONENT)	COMPONENT)	COMPONENT)	COMPONENT)
HA00	HA10	HA20	HA30
(DC	(AC300dpi	(AC600dpi	(AC600dpi
COMPONENT)	COMPONENT)	COMPONENT)	COMPONENT)

FIG. 5

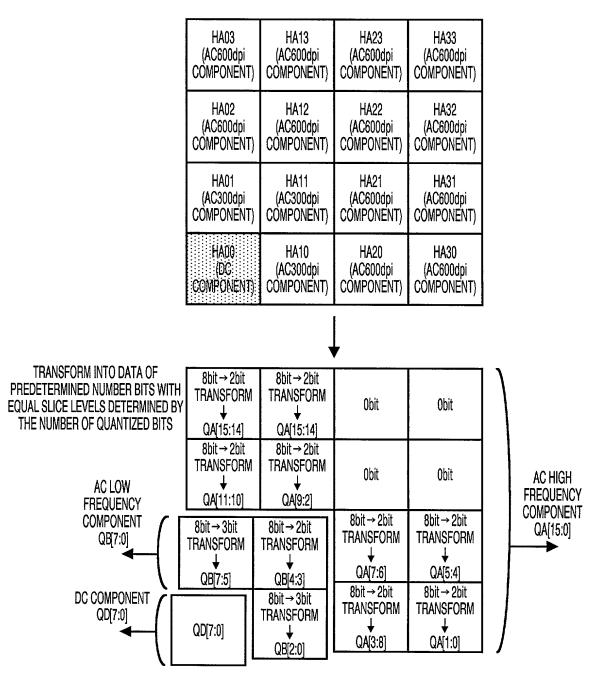
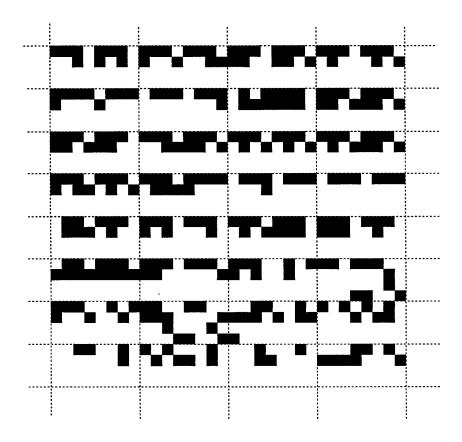


FIG. 6

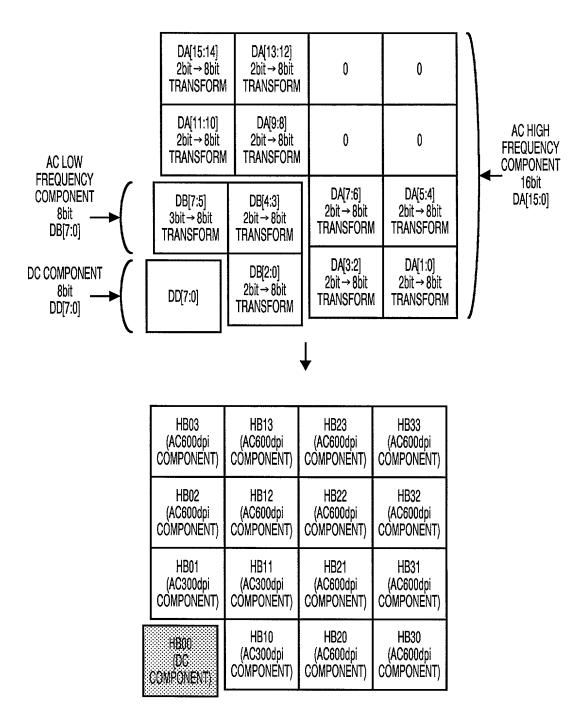
DC COMPONENT 8bit ──►		F00 F	-00 F90 [6] [5]	00 100	F00	F00	F00	F00 F	F10 F10 [7] [6]		0 F1(	_		F10	********		····			انتنتا
AC LOW FREQUENCY COMPONENT 8bit ——▼	<u> </u>	1		30 F00 31 72	]           		96	F00 F00 F10	F10 F1 [15] [1	F10 F10 [14]	0 F10	) [11]	F10 [[10]	F10	F10 [8]	F20 [15]	$\overline{}$			<u></u>
				+		+	_		-	_		) [19]	F10 [18]	F10 [17]					_=	െ
AC HIGH FREQUENCY COMPONENT 16bit	<u> </u>		182 187				-					) F10 ] [27]	F10 [[26]	F10 [25]	F10 [24]		F20 F [30] [2	F20 F20 [29] [28]		0[]
DC COMPONENT 8bit ──►	<u>4統立</u> ノ	F07	FOT 195		<u> </u>			0.0		F11 [6]					F1:1:	F21				
AC LOW FREQUENCY COMPONENT 8bit ——▼	<u> </u>		F015	F01 F01				-				1 F11	F111 [10]	F11 [9]	F1 [8]	F21 F	F21 F [14] [1	F21   F21 [13] [12	21 F21 23 [11]	
	7	10.2			. E.E.	_	<del>                                     </del>	_				1 F11 1 [19]	1.13 1.18	F11 [17]	F11 [16]	F21 [F23] [E23]	F21   F [22] [3	F21   F2 [21] [2	F21 F21 [20] [19]	-5
AC HIGH FREQUENCY COMPONENT 16bit	<u> </u>	10-		<del>, ,</del>	1-		105	1 -	_		-	<del>  </del>	F11 [36]	F11 [25]	F11		F21 F	F21 F21	71 F21 81 [27	
	<u> </u>	F02 F	[30] [2 F02 F0		_									F12		F22				1-63
	.:1	F02 F			_				F12 F [15] [1	F12 F12 [13]			•	F12 [9]		_	F22 F [14] [	F22 F [13] [1	F22 F22 [12] [11]	2
			4	₹	1															
	-							, ш	BIT MAP	MAP PATTERN ARRANGEMENT	N ABB	ANGEN								

FIG. 7



ACTUAL BIT MAP DATA SUBJECTED TO FREQUENCY BANDING

FIG. 8



INVERSE QUANTIZATION PROCESSING

FIG. 9

## PAGE MEMORY WRITE ORDER

E00	E10	E20	E30
F	F	F	F
E01	E11	E21	E31
F	F	F	F
E02	E12	E22	E32
<b>!</b> —		_	
F	F	F	F
<b>F</b> E03	F E13	<b>F</b> E23	F E33
<u></u>			
E03	E13	E23	E33

PAGE MEMORY READ ORDER  $F_{x,y}[31:0]=E_{3-y,x}[31:0]$ 

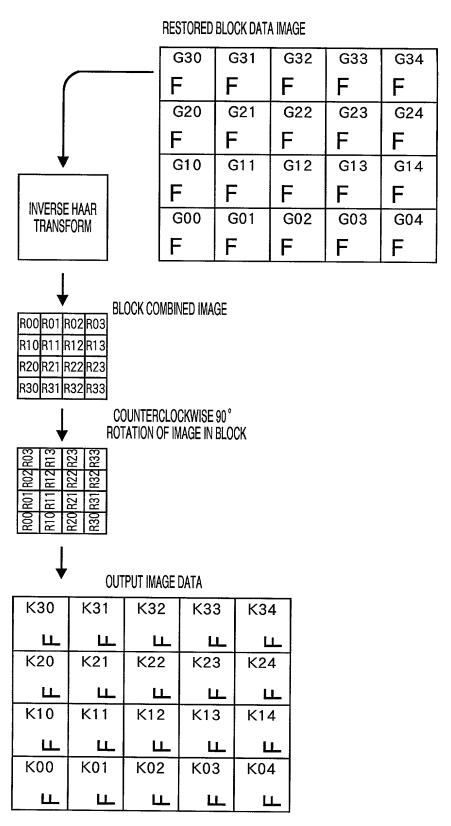
COUNTERCLOCKWISE 90 ROTATION

E30	E31	E32	E33	E34
F	F	F	F	F
E20	E21	E22	E23	E24
F	F	F	F	F
E10	E11	E12	E13	E14
F	F	F	F	F
E00	E01	E02	E03	E04
F	F	F	F	F

NOTE) F IS INDICATIVE OF DIRECTION OF IMAGE IN BLOCK

**BLOCK ROTATION EDITING PROCESSING** 

FIG. 11

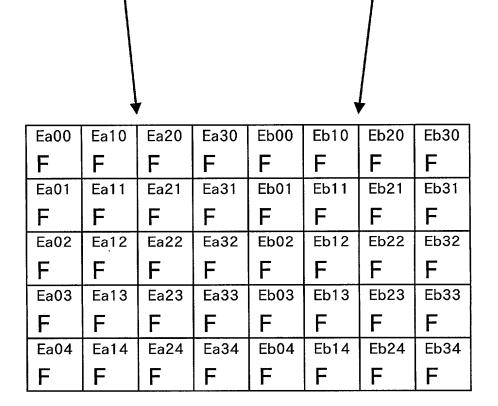


ROTATION PROCESSING OF IMAGE IN BLOCK

FIG. 12

Ea00	Ea10	Ea20	Ea30
F	F	F	F
Ea01	Ea11	Ea21	Ea31
F	F	F	F
Ea02	Ea12	Ea22	Ea32
F	F	F	F
F Ea03	F Ea13	F Ea23	F Ea33
		_	•
Ea03	Ea13	Ea23	Ea33

Eb00	Eb10	Eb20	Eb30
F	F	F	F
Eb01	Eb11	Eb21	Eb31
F	F	F	F
Eb02	Eb12	Eb22	Eb32
F	F	F	F
Eb03	Eb13	Eb23	Eb33
F	F	F	F
Eb04	Eb14	Eb24	Eb34
F	F	F	F



## **IMAGE COMBINING EDITING PROCESSING**

FIG. 13

The Cold well from some some or

